

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	
)	
John Thomas CONTRERAS et al.)	
)	Group Art Unit: TBA
Serial No.: TBA)	
)	
Filed: March 15, 2004)	Examiner: TBA
)	
For: CIRCUITRY FOR LINEAR)	
CONTROL OF HEAD FLYING)	Atty Dkt No. HSJ920030271US1
HEIGHT USING THERMAL)	
MEANS)	

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

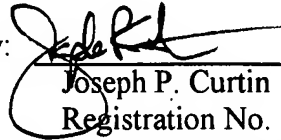
Pursuant to 37 C.F.R. § 1.56 and in compliance with 37 C.F.R. § 1.97(b), Applicants submit herewith a Form PTO-1449 listing a published U.S. Patent Application and a publication for consideration in connection with the above-identified application. A copy of the publication is provided herewith.

Applicant respectfully requests that the Examiner consider and enter these documents into the file of the above-identified application. If any additional fee is deemed necessary, the Commissioner is authorized to charge Deposit Account No. 50-2587.

A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit Deposit Account No. 50-2587 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.

Respectfully submitted,

By:



Joseph P. Curtin
Registration No. 34,571
1469 N.W. Morgan Lane
Portland, Oregon 97229-5291
(503) 296-8373
(503) 297-0452 (facsimile)

Dated: March 15, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.				Complete if Known													
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>TBA</td> </tr> <tr> <td>Filing Date</td> <td>March 15, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>John Thomas CONTRERAS</td> </tr> <tr> <td>Art Unit</td> <td>TBA</td> </tr> <tr> <td>Examiner Name</td> <td>TBA</td> </tr> <tr> <td>Attorney Docket Number</td> <td>HSJ920030271US1</td> </tr> </table>		Application Number	TBA	Filing Date	March 15, 2004	First Named Inventor	John Thomas CONTRERAS	Art Unit	TBA	Examiner Name	TBA	Attorney Docket Number	HSJ920030271US1
Application Number	TBA																
Filing Date	March 15, 2004																
First Named Inventor	John Thomas CONTRERAS																
Art Unit	TBA																
Examiner Name	TBA																
Attorney Docket Number	HSJ920030271US1																
Sheet	1	of	2														

[illegible][illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	TBA		
	Filing Date	March 15, 2004	
	First Named Inventor	John Thomas CONTRERAS	
	Art Unit	TBA	
	Examiner Name	TBA	
Attorney Docket Number	HSJ920030271US1		

Sheet

2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	2	K.B. Klaassen et al., "Nanosecond and Sub-nanosecond Writing Experiments," IEEE Transactions on Magnetics, Vol. 35, No. 2, pp. 625-631, March 1999.	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.